|               | Index of Claims |   |         |          |          |                 |          |           |                             |          |             |          | 1           | Application No.   |            |              |  |          |                              |     |       |            | Applicant(s) |          |        |        |          |                |                 |          |
|---------------|-----------------|---|---------|----------|----------|-----------------|----------|-----------|-----------------------------|----------|-------------|----------|-------------|-------------------|------------|--------------|--|----------|------------------------------|-----|-------|------------|--------------|----------|--------|--------|----------|----------------|-----------------|----------|
|               |                 | Rejected  |         |          |          |                 |          |           |                             |          |             |          | 10/676,834  |                   |            |              |  |          | CHALEFF ET AL                |     |       |            |              |          | AL.    |        |          |                |                 |          |
|               |                 | Ш   |         |          | Ш        |                 | Ш        |           |                             |          |             |          |             |                   | Examiner   |              |  |          |                              |     |       |            |              | Art Unit |        |        |          |                |                 |          |
|               |                 | Cancelled   |         |          |          |                 |          |           |                             |          |             |          |             |                   |            |              |  |          |                              |     |       |            |              |          |        |        |          |                |                 |          |
|               |                 | 101 11011 00110 01111 10010 01101 1000 1101 0101 1001 |         |          |          |                 |          |           |                             |          |             |          |             |                   | James Phan |              |  |          |                              |     |       |            |              | 2872     |        |        |          |                |                 |          |
|               |                 | <b>√</b>  | R       | Rejected |          |                 |          | -         | (Through numer<br>Cancelled |          |             |          | meral<br>ed | ral)              |            | N            | Non-Elect  |          |                              | ted |       | A          | Appeal       |          |        |        |          |                |                 |          |
|               |                 | =   | Allowed |          |          |                 | ÷        | ÷         | Restricted                  |          |             |          | ed .        |                   |            | ı            | Interference                                     |          |                              | ce  |       | 0          | Objected     |          |        |        |          |                |                 |          |
| Cla           | im              | <u> </u>  | Date    |          |          |                 |          |           |                             | Claim    |             |          |             | Da                | Date       | в            |  |          | : [                          | CI  | aim   |            | Date         |          |        |        |          |                |                 |          |
|               | <u>a</u>        |   |         |          |          |                 |          |           | T                           |          |             |          | <u>a</u>    | $\top \top$       | T          |              |  |          | $\prod$                      |     |       | <u> </u>   |              |          |        |        | Τ        |                |                 |          |
| Final         | gin             | 12  |         |          |          |                 |          |           |                             |          |             | ī a      | gin         |                   |            |              |  |          |                              |     | Final | Original   |              |          |        |        |          |                |                 |          |
| ᄀ             | ö               | 0   |         |          |          |                 |          |           |                             |          | ا           | <u>.</u> | ō           |                   |            |              |  |          |                              |     | Œ     | Ö          |              |          |        |        |          |                | ŀ               | 1        |
| $\dashv$      |                 | •   | _       | -        | -        | $\dashv$        | +        | +         | +                           | -        | $\vdash$    | _        | =1          | ++-               | +          | ┿            | Н  | -        | +                            |     |       | 101        | +-+          |          | +      | +      | ╁        | ╁╾             | $\vdash$        |          |
| $\dashv$      |                 |   |         | -        | $\dashv$ | $\vdash$        | +        | +         | +                           | -        | -           |          | 52          | +                 | ╁          | +            | $\vdash$   | +        | +                            |     |       | 102        | 1            | +        | +      | +-     | ╁        | ╁╌             | -               |          |
|               |                 | Н   | _       |          | -        | H               | ╅        | $\forall$ | +                           | $\dashv$ | $\vdash$    |          |             | +                 | ╅          | +-           | Н  | +        | +                            |     |       | 103        |              | $\top$   | +      | +      | +        | $\vdash$       | H               | $\dashv$ |
| $\dashv$      |                 | Н   | _       | t        |          | $\vdash$        | 十        | +         | $\dashv$                    | -        | $\vdash$    |          |             | ++-               | +          | ╁╌           | H  | $\dashv$ | 1                            |     |       | 104        |              | $\top$   | $\top$ | $\top$ | 1        |                | Н               | $\neg$   |
| $\neg$        | 5               |   |         |          |          |                 | _        | 寸         | $\neg$                      |          |             |          |             | $\dagger \dagger$ | T          |              |  | $\top$   |                              |     |       | 105        | $\Box$       | 7        |        |        | 1        | T              | П               | $\neg$   |
| $\neg$        |                 |   |         |          |          |                 |          | T         | $\top$                      |          |             |          |             | 1                 | 1          |              | П  | _        | $\Box$                       |     |       | 106        |              | T        |        | Т      | 1        |                |                 | ╗        |
|               | 7               |   |         | $\Box$   |          |                 |          | T         |                             |          |             |          | 57          |                   | T          |              |  | $\Box$   |                              |     |       | 107        |              |          |        |        |          |                |                 |          |
|               |                 |   |         |          |          |                 |          |           |                             |          |             |          |             |                   |            |              |  |          |                              |     |       | 108        |              |          |        |        |          |                |                 |          |
|               |                 |   |         |          |          |                 |          | $\perp$   |                             |          |             |          |             |                   | $\perp$    | <u> </u>     |  | $\perp$  | Ш                            |     |       | 109        | Ш            |          |        |        | 上        |                |                 | _        |
|               |                 |   | _       | $\perp$  |          |                 |          | $\perp$   |                             | _        | L           |          |             |                   |            | <u> </u>     |  |          | $\perp$                      |     |       | 110        | $\sqcup$     | 4        | _      |        | ↓_       | _              | $\sqcup$        | _        |
| _             |                 |   | _       | _        |          |                 | $\perp$  | _         | $\perp$                     | 40       | <u> </u>    |          |             |                   | 4_         |              | Ш  |          | $\perp$                      |     |       | 111        | $\sqcup$     | _        | _      | _      | <u> </u> | <del> </del> _ | $\sqcup$        | _        |
|               |                 |   |         | -        | _        | $\dashv$        | +        | 4         | +                           | _        | <u> </u>  _ |          |             |                   |            | -            |  | +        | $\square$                    |     |       | 112        | $\vdash$     | +        | +      | ╁      |          | -              | -               | _        |
|               |                 |   |         |          | _        |                 | +        | $\dashv$  | 4                           | -        | -           |          |             | +                 |            | <del> </del> |  |          | +                            |     |       | 113        | $\vdash$     | +        | +      | 1      | 1        | ┼-             |                 |          |
| $\Box$        | 14              | 7   |         |          |          |                 | +        | +         | +                           | -        | <u> </u>    | $\dashv$ | 04          | +                 | +-         | +-           | $\vdash$   |          | +-!                          |     |       | 114<br>115 | $\vdash$     | +        | +      | +-     | +-       | ┼              | $\vdash$        | $\dashv$ |
| <u>2</u><br>3 |                 | H   | _       | 1        | _        | $\vdash \vdash$ | +        | +         | +                           | -        | -           |          |             | + +-              | - -        | +-           | $\vdash$   | +        | +                            |     |       | 115        | $\vdash$     | +        | +      | +      | +        | ┼-             | $\vdash \vdash$ |          |
|               |                 | $\mathbb{H}$  |         | $\vdash$ | $\dashv$ | $\vdash \vdash$ | +        | $\dashv$  | -+-                         | -        | -           |          |             | ++                | +-         | ╁            |  |          | +                            |     |       | 117        | $\vdash$     | +        | +      | +      | +        | +              | $\vdash \vdash$ | $\dashv$ |
| <u>t</u>      |                 | $  \cdot    $   |         | $\vdash$ | -        | $\vdash \vdash$ | $\dashv$ | +         | +                           | $\dashv$ | $\vdash$    |          |             | ++                | +          | +            | <del>                                     </del> |          | +-1                          |     |       | 118        | $\vdash$     | +        | +      | +      | +        | +              | $\vdash$        |          |
| 2             |                 | H   | _       | $\vdash$ | $\dashv$ | $\vdash \vdash$ | +        | $\dashv$  | -+-                         | - :::    | $\vdash$    | $\dashv$ | 39          | ++                | +          | +            | $\vdash$   | +        | +-                           |     |       | 119        | 1 1          | +        | +      | +      | +        | +              | $\vdash \vdash$ | _        |
| 2             | 20              | H   |         | $\vdash$ | -        | $\vdash \vdash$ | $\dashv$ | ┰         | $\dashv$                    | -        | $\vdash$    | $\dashv$ | 70          | ++                | +-         | +            | $\vdash$   | _        | +-1                          |     |       | 120        | $\vdash$     | +        | +      | +      | +        | T              | $\vdash$        | $\neg$   |
|               | 21              | H   |         | $\vdash$ | -        | $\vdash$        | +        | +         | +                           | -        | $\vdash$    |          | 71          | ++                | +          | ┼            | $\vdash$   |          | +-                           |     |       | 121        | H            | +        | $\top$ | $\top$ | +        | T              | $\vdash$        |          |
| 7             | 22              | -   | _       | -        | _        | -               | +        | $\dashv$  | $\dashv$                    | -        | 1           |          | 72          | +                 | $\top$     | +-           | $\vdash$   | $\top$   |                              |     |       | 122        | 1 1          | +        | $\top$ | T      | T        | +-             | $\vdash$        |          |
| 0             | 23              | H   | _       |          |          |                 | 十        | 寸         | $\dashv$                    |          | $\vdash$    |          | 73          | 11                | ╁          | +-           |  | _        |                              |     |       | 123        | 1 1          | $\neg$   | _      | $\top$ | $\top$   |                |                 |          |
| (             | 24              |   | _       |          |          | П               | 十        | 寸         | $\dashv$                    | 7        | $\vdash$    |          | 74          | 1-1-              | $\top$     | $\top$       | П  | $\top$   | $\uparrow \uparrow \uparrow$ |     |       | 124        | 1 1          | _        | _      | $\top$ | 1        | 1              |                 |          |
| t             | 25              |   |         | $\Box$   |          | П               | $\neg$   | 1         |                             | _:       |             |          | 75          | $\neg \neg$       | 1          | $\top$       | П  |          | 1                            | :   |       | 125        |              | $\neg$   |        | 1      | Т        | Т              |                 |          |